

Montgomery County Fire & Rescue Service

2010 Safety, Health and Survival Week
June 20-26, 2010

MCFRS Safety Statistics



MCFRS Safety Section 2010



2010 Safety, Health and Survival Week

This presentation will focus on the National Line of Duty Deaths over the last 6 years, the causes and incident types for the deaths from 2006 to 2010 and present the MCFRS collision and injury statistics for the years of 2007 – 2010.

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National LODD Statistics

- 2003 - 110 deaths
- 2004 - 102 deaths is a 7% decrease
- 2005 - 107 deaths is a 5% increase
- 2006 - 87 deaths is a 19% decrease
- 2007 - 114 deaths is a 31% increase
- 2008 - 120 deaths is a 5% increase
- 2009 - 93 deaths is a 22% decrease

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National LODD Statistics

2006 Deaths by Cause

- Cardiovascular
- Trauma
- Smoke Inhalation
- Burns
- Undetermined
- Drowning

2006 Deaths by Type

- Structure Fire
- Wild land Fire
- Training
- MVA
- EMS Call

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National LODD Statistics

2007 Deaths by Cause

- Cardiovascular
- Trauma
- Smoke Inhalation
- Burns
- Electrocution

2007 Deaths by Type

- Structure Fire
- Training
- Multiple Calls w/in 24 hrs
- MVA
- EMS Calls

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National LODD Statistics

2008 Deaths by Cause

- Cardiovascular
- Trauma
- Burns/Smoke Inhalation
- Asphyxiation
- Violence/Gunshot
- Electrocution

2008 Deaths by Type

- Structure Fire
- Wild land Fire
- MVA
- Non-Emergency Duty
- Training
- EMS Call

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National LODD Statistics

2009 Deaths by Cause

- Stress/Overexertion
- Vehicle Collisions
- Fall
- Struck by
- Caught/Trapped
- Other

2009 Deaths by Type

- Not Incident Related
- Structure Fire
- Wildland
- MVA
- EMS
- Other

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31 LODD's as of 5/31/2010

2010 Deaths by Cause

- Stress/Overexertion
- Vehicle Collision
- Fall
- Struck by
- Caught/Trapped
- Other
- Collapse

2010 Deaths by Type

- Not Incident Related
- Structure Fire
- Other
- Tech Rescue
- Rescue/Extrication
- Wildland

2010 Safety, Health and Survival Week MCFRS Collision Statistics



MCFRS Safety Section

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MCFRS Collision Statistics

- 1999 – 110 collisions
- 2000 – 140 collisions 27% increase
- 2001 – 160 collisions 14% increase
- 2002 – 129 collisions 19% decrease
- 2003 – 140 collisions 8% increase
- 2004 – 117 collisions 16% decrease
- 2005 – 129 collisions 10% increase
- 2006 – 133 collisions 3% increase

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2007 Collisions – **208 Total 56% Increase**

Collisions By Battalion

- Battalion 1 – 40
- Battalion 2 – 34
- Battalion 3 – 57
- Battalion 4 – 29
- Battalion 5 – 28
- Battalion 99 – 20

Collisions by Cause

- Clearance
- Backing
- Weather
- Other at Fault
- Animal Strike
- Incident
- AM Check-out

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2008 Collisions – 227 Total 8 % Increase

Collisions By Battalion

- Battalion 1 – 45
- Battalion 2 – 26
- Battalion 3 – 59
- Battalion 4 – 48
- Battalion 5 – 23
- Battalion 99 – 26

Collisions by Cause

- Clearance
- Backing
- Driver Error
- Other at Fault
- Incident
- Animal Strike
- AM Check-out
- Situational Awareness

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2009 Collisions – 238 Total 5% increase

Collisions By Battalion

- Battalion 1 – 69
- Battalion 2 – 24
- Battalion 3 – 66
- Battalion 4 – 43
- Battalion 5 – 20
- Battalion 99 – 16

Collisions by Cause

- Clearance
- Backing
- Other at Fault
- AM Check-out
- Intersection
- Mechanical/Equipment
- Animal Strike
- Situational Awareness

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2010 Collisions – 131 as of 5/31/2010

Collisions By Battalion

- Battalion 1 – 29
- Battalion 2 – 11
- Battalion 3 – 35
- Battalion 4 – 35
- Battalion 5 – 12
- Battalion 99 – 9

Collisions by Cause

- Clearance
- Backing
- Other at Fault
- AM Check-out
- Intersection
- Mechanical/Equipment
- Animal Strike
- Situational Awareness

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MCFRS Injury Statistics

- 2002 – 526 Injuries
- 2003 – 637 Injuries 21% increase
- 2004 – 579 Injuries 9% decrease
- 2005 – 482 Injuries 17% decrease
- 2006 – 501 Injuries 4% increase

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2007 Injuries – 582 Total 16% increase

Nature of Injury

- Sprain/Strain
- Bruise/Contusion
- Cut/Scratch/Laceration
- Other
- Contagious/Infectious
- Fracture
- Thermal burn
- Foreign Object
- Cardiac related

Injuries by Task

- EMS Incidents
- Firefighting Incidents
- Physical Fitness Activity
- Training Activity
- Service Activities (other)
- Maintenance Bldg/Equip
- Other
- Moving to/from on foot
- Responding to incident

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2008 Injuries – 659 Total 13% increase

Nature of Injury

- Sprain/Strain
- Contagious/Infectious
- Bruise/Contusion
- Cut/Scratch/Laceration
- Cardiac related
- Irritation
- Foreign substance
- Thermal burn
- Other

Injuries by Task

- EMS Incidents
- Firefighting Incidents
- Training Activity
- Physical Fitness Activity
- Service Activity (other)
- Maintenance Bldg/Equip
- Moving to/from on foot
- Responding to incident
- Other

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2009 Injuries – 587 total 10% decrease

Nature of Injury

- Sprain/Strain
- Bruise/Contusion
- Cut/Scratch/Laceration
- Contagious/Infectious
- Cardiac related
- Foreign Substance
- Other
- Thermal burn
- Inflammation

Injuries by Task

- EMS Incidents
- Firefighting Incidents
- Physical Fitness Activity
- Training Activity
- Maintenance Bldg/Equip
- Moving to/from on foot
- Service Activity (other)
- Other
- Responding to incident

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2010 Injuries – 205 injuries as of 5/31/2010

Nature of Injury

- Sprain/Strain
- Bruise/Contusion
- Cut/Scratch/Laceration
- Foreign Substance
- Other
- Cardiac related
- Contagious/Infectious
- Irritation
- Fracture

Injuries by Cause

- Firefighting Incidents
- EMS Incidents
- Physical Fitness Activity
- Maintenance Bldg/Equip
- Moving to/from on foot
- Training Activity
- Service Activity (other)
- Other
- Responding to incident

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Collisions and injury prevention is everyone's concern! What can you do to prevent them from occurring?